

**Portable direct-methanol fuel cell for portable electronic appliances has a fuel cell unit made from a polymer membrane with an anode and cathode forming a membrane electrode unit, anode/cathode areas and a reservoir for methanol**

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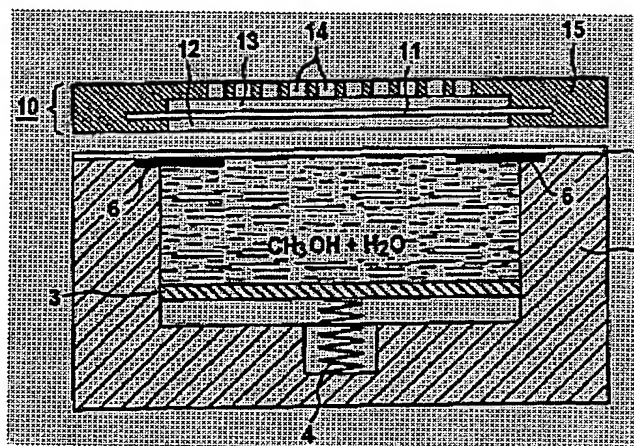
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**Abstract of DE10136753**

A fuel cell has a fuel cell unit with a membrane electrode unit and a reservoir for a methanol-water mixture. A methanol-permeable diaphragm (2) acts as an element for supplying methanol to an anode (12). The diaphragm can be separated mechanically from the reservoir by means of a slide (6). If necessary, the anode and/or a polymer membrane can serve as a diaphragm.



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